# MARKETING WESTERN ARIZONA CANTALOUPS 1977 SEASON

## FEDERAL-STATE MARKET NEWS SERVICE

U.S. Department of Agriculture Agricultural Marketing Service Fruit and Vegetable Division

Arizona Fruit and Vegetable Standardization Service

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### FOREWORD

The Federal-State Market News Service provided daily market coverage of Western Arizona district Cantaloups from June 13 through July 7, 1977. This service was made possible by the U.S. Department of Agriculture, Agricultural Marketing Service, Fruit and Vegetable Division and the Arizona Fruit and Vegetable Standardization Service.

The information contained in this summary was obtained chiefly from the daily reports issued at Yuma. Other sources of information include: The Arizona Fruit and Vegetable Standardization Service under the supervision of Mr. Lloyd Burr with assistance from Mr. W. L. Wrenn, Inspector in Charge of the Yuma District, The Southern Pacific Railroad Co., Pacific Fruit Express Co., and the U.S. Department of Commerce, NOAA Weather Service under the local direction of Mr. Wayne E. McCarter, Metaorologist.

We wish to express our sincere appreciation to all segments of the industry for their cooperation and time which made these reports possible.

This summary was prepared by The Federal-State Market News Service, M. J. Shine, Local Representative and Karen Reed, Yuma, Arizona. Additional copies may be obtained from the following offices:

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Market News Branch

2720 W. Weldon Avenue

Fruit & Vegetable Division

Phoenix, Arizona

85017

U.S. Department of Agriculture

Washington, D. C.

20250

### NARRATIVE REVIEW

REPORTING AREA: The reporting for Western Arizona covers the Yuma and the Parker-Poston areas. Shipments from Parker are those melons packed and shipped in Parker. Total shipments of Western Arizona includes both areas. Cantaloups grown in Parker-Poston but packed in Blythe are shown in Blythe figures, just as in past seasons.

ACREAGE: Western Arizona figures were up over the previous season. In the Yuma area Cantaloup acreage was set at 5,110 as compared to 3,926 acres for the 1976 season. This is still better than 600 acres over the last 5 year average.

GROWING CONDITIONS: Planting started in late January and continued into April. February was the warmest in 13 years. March was windier and cooler than normal. A low temperature of 24 degree's was reported in the Dome Valley and rainfall continued below normal. April weather was near normal except for a few cool temperatures. May daily high temperatures were the lowest in 100 years which resulted in slower growth. The months of June and July were near normal.

HARVESTING: In Yuma the first few crates were shipped on May 28th, however it was May 31st before the first truck shipment was reported. Parker's first shipment was billed on June 18th.

MARKETING: The FOB market for Western Arizona was first issued on June 13th with jumbo crates 36s at \$10.00. Jumbo 27s and 45s were reported at \$8.00. A year ago on June 14, 1976, the FOB on jumbo crate 36s was \$12.00 and 27s and 45s were \$10.00-11.00. Prices between June 15th and 21st maintained a \$9.00-10.00 level on 36s and \$8.00-9.00 level on 27s. Due to a heavy offering of 45 size from other completion areas, prices reflected a large decline. June 22nd and 23rd declined on jumbo 36s to \$8.00-9.00 levels. Prices dropped to \$8.00 on jumbo 36s and 27s on the 24th. Monday June 27th the market slipped again on 36s to \$6.00-7.00. July 5th the market level increased, closing out on the 7th at \$9.00 for jumbo 36s and \$7.00-8.00 for 27 size.

SHIPMENTS AND PRODUCTION: Shipments for Western Arizona District through July 19, 1977 was 602 rail and 1,491 carlot equivalents by truck for a total of 2,093. Although the season is not expected to finish until early August this is still 585 carlot equivalents greater than last season. The peak day of tonnage for Western Arizona was June 22th with 85 carlot equivalents. The heaviest week of the deal was the period ending June 25th with 509 carlot equivalents. The best yield in the Yuma area of 200 crates per acre was recorded. During the first three weeks sizes were heavy to 36s, then 45s, with limited offerings of 27 size. In late June the percentage shifted to heavy 27s, with increased offerings of 23s and decreasing volume of 36s. The yields in the Lower Yuma Valley was reportedly improved over last year. All Yuma shippers in the area packed in wooden jumbo crates. The major variety was 45. Some late acreage in Dome Valley was Top Mark and the yields and acceptance was good. Parker shipments were all in half-cartons. Both the 45 and Top Mark were shipped.

TRANSPORTATION TRENDS: Arizona truck shipments are inter-state movement, while California truck shipments are both inter and intra-state. All truck shipments are based on 600 crates per carlot equivalent.

DATE	WESTERN ARIZ. R1 Tr	CENT. IMP. ARIZ. VLY. R1 Tr R1 T	BLYTHE+ r R1 Tr	BAKERS- FIELD+ R1 Tr	WEST SIDE+ R1 Tr	TEXAS R1 Tr	MEXICO R1 Tr	TOTALS* R1 Tr
May 31 June 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 2 3 5 5 5 6 7 8 8 8 8 8 7 6 5 4 5 5 5 5 5 5 5 5 6 7 8 8 8 8 8 7 6 5 4 5 5 5 5 5 5 5 6 6 6 14 7 17	2340458897774185676227252997 11222223523223344322232 23404588977741856762227232232	2		88 130 140 110 110 110 110 110 110 110 110 11	- 44 - 19 - 13 	88888888888888888888888888888888888888
Total (1 day of May include	413 a) 996	13 478 50 145	<sup>221</sup> 736	21		28 1552	123	<b>1153</b> 4928
July 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 19	24 40 19 31 17 19 10 31 4 23 6 326 12 23 6 31 7 28 7 29 5 21 8 25 9 21 9 19	- 9 - 2 15 -	5 8 31 3 25 14 16 5 4 18 5 - 13 5 - 13 6 - 13 7 - 19 7 - 19 8 - 11 8 - 13 1 - 19 1 - 1	8 224 7 13 10 377 41 356 9 38 9 38 14 16 10 14 11 14 11 10 10 10	1 12 12 22 32 34 99 42 10 53 60 15 76 15 76	11 99578 106-1036 1159-116 1159-116 1169-116	1211121212152231133	56 139 40 107 42 56 35 12 65 111 13 89 17 125 18 106 31 75 20 111 21 120 29 104 24 117 28 113 26 109 34 87 28 119 20 132
Total	189 495	18 38 165 6	33 5 185	190 413	95 457	215	- 35	563 2026
	602 1491	31 516 215 151	254 8 921	190 434	95 457	28 1767	158	1716 6954

<sup>\*</sup> Totals may include shipments not shown on the above table. The above figures are taken from the daily reports issued by the Federal-State Market News Office in Yuma and are subject to slight adjustments.
+Blythe is Palo Verde Vly. - Bakersfield is Southern San Joaquin - Westside is Central San Joaquin.

15 YEAR PLANTED ACREAGE, TOTAL CRATES SHIPPED, YIELD, FIRST SHIPMENTS, PEAK SHIPMENTS

DATE	PLANTED ACREAGE	TOTAL CRATES SHIPPED	YIELD PER ACRE	FIRST SHIPMENTS	PEAK DAY	PEAK VOLUME C/L EQUIVALENT
1963 1964 1965 1966 1967 1968	15,913 18,013 14,909 13,346 9,049 9,711 10,154	2,372,523 2,128,589 1,806,971 1,894,63 1,229,717 1,304,869 1,511,863	149 118 121 142 136 134 149	May 20 June 1 May 27 % 27 % 15	June 11 26 " 15 8 July 4&5 21	238 268 229 250 87 101 163
1970 1971 1972 1973 1974 1975 1976	6,755 7,016 7,016 9,020 9,020 3,,520 5,110	1,154,590 1,476,471 1,207,390 1,033,466 767,541 617,396 733,232 1,026,004	176 205 151 176 182 161 187 200	5 29 June 1 5 29 5 27 June 5 May 29 May 28	June 21&28 May 29 June 12 15* July 7* June 23* June 20*	98 147 118 83 82* 69* 70* 79*

Truck carlot equivalent for the years 1961-65 basis 400, 1966-70 basis 500, 1971 to present basis 600. Sources: Acreage, crates shipped & yield furnished by the Arizona Fruit & Vegetable Standard Imation Service - Yuma office.

To Western Arizona - includes Yuma and Parker.

TABLE NO. 3

15 YEAR RAIL AND TRUCK SHIPMENTS - YUMA AREA

DATE R	SHI All	PMENT:	S RUCK			SONS TAL		DAT	E	Đ	SHI	PMENT	S TRUCK			SEASO TOTA	
1964 1965 2, 1966 2, 1967 1,	742 273 662 609 534 757 085	1	.874 .742 .379 .104 .812 .731 .713		5,4,3,2,	616 015 041 913 346 488 <b>798</b>		197 197 197 197 197 197	1 2 3 4	1,	337 757 200 974 673 332 294		713 747 747 611 551 649 892	· • · · · ·		2,05 1,94 1,68 1,22 1,18	7 7 5 4
Truck carlot 600.	equi	valen	for	the	years	196	1-65 b ADD ABOVE	1.17			70 ba	_	00, 19 1,146	971 t	o pre	sent	
TABLE NO. 4																	
		1	cit	IES -	RAIL	ARR	IVALS-	UNLOA	DS-TR	ACK &	TRUC	K ARF	IVALS				
JUNE	6_	_7.	8_	2	_ 10_	_13	_ 14_	_15	_ 16_	_17	_ 20_	_21_	_ 22_	_23 .	24_	_27	_ 28
Arrivals Unloads/Div.	6 5	14	10	15 4	8 11	27 21	11 17	13 10	18 25	14 16	51 38	34 22	35 37	29 32	23 29	50 13	49 24
ON TRACK	7	4	14	25	22	28	22	25	18	16	29	41	39	36	30	67	92
Truck	96	111	69	82	59	80	84	69	80	79	131	76	72	98	93	100	58
JUNE	_ 29_	_30	1_	5	6_	_1	8_	_11	12_	_13	14_	_15	_ 18_	_19.	20_	21	22
Arrivals Unloads/Div.	60 42	13 37	35 48	86 73	37 55	71 48	32 55	78 51	57 56	24 38	16	12 **	30 39	29 28	33 32	12 25	12 24
ON TRACK	110	86	73	86	68	91	68	95	96	82	32	55	46	47	48	35	23
Truck	70	103	83	111	81	89	51	102	78	58	53	66	77	63	63	69	<b>7</b> 9
** ONLY 15	CITIE	s unl	DADS	UNAVA	ILABL	E											

# DAILY F.O.B. PRICES, SHIPPING POINT BASIS, BY DISTRICTS WITH SHIPMENTS

### WESTERN ARIZONA

### --- Jumbo Crates ---

Date	Shappents RL & TR	2713	361s	451 <b>s</b>	De <b>mand</b>
June 13 14 15 16 17 20 21 22 23 24 27 28 30 July	54546768233237 545768233237	8.00 8.00-9.00 8.00-9.00 8.00-9.00 8.00-9.00 8.00-9.00 8.00-9.00 8.00-9.00 6.00-7.00 6.00-7.00 6.00-7.00	10.00 10.00 9.00-10.00 9.00-10.00 9.00-10.00 9.00-10.00 8.00-9.00 8.00-9.00 8.00-7.00 6.00-7.00 6.00-7.00	8.00 7.00-8.00 7.00-8.00 7.00-8.00 7.00-7.50 6.00-7.50 6.00-6.50 5.00-6.00 5.00-6.00 5.00-6.00	Good Good, 45's Light Good, 45's FairlyLight Good Good, 45's FairlyGood Good, 45's FairlyLight 36 Fairly Good Moderate Fairly Light Light Light Light Fairly Light Fairly Light
1 5 6 7	64 41 32 27	5.50-6.00 6.00-7.00 7.00 7.00-8.00	6.00-7.00 7.00-8.00 8.00 9.00		Improved Fairly Good Good Very Good
			FINAL REPORT		

### IMPERIAL VALLEY

### -- Jumbo Crates --

Date	Shipments RL & TR	27¹s	361s	45 <b>18</b>	Demand
June					
7	27	11.00-12.00	12.00-14.00	12.00-13.00	Fairly Light
8	43	10.00	12.00	12.00	Good
9	64	8.90-10.00	10.00-12.00	8.69-10.00	Fairly Good
10	79	8.00	10.00	8.00	Good
13	79 94 93 99	8.00	10.00	7.00-8.00	Good, 45's FairlyLight
14	93	8.00	9.00-10.00	7.00 <b>-8.00</b>	Good, 45's Light
15	99	8.00	9.00-10.00	7.00	Good, 45's FairlyLight
13 14 15 16 17 20 21	102	/ <b>8.00</b>	10.00	7.00	Good
17	105	8.00	10.00	7.00	Good
20	104	***	10.00	6.00 <b>-7.</b> 00	Good, 45's FairlyLight
21	96 81		9.00-10. <del>00</del>	6.00 <b>-7.00</b>	Good, 45's Light
22			9.00-10.00	6.00-6.50	Fairly Good, 45's Light
23	75 73 69 656 48	~ ~ ~	9.00	6.00	Fairly Light
24	73			~ ~ ~	
27	69	7.00-8.00	7.00-2.00	6.00	Light, 45's Good
28 .	67	6.50-7.00	6.00-8.00		Light, 45's Good
29	56	6.00-7.00	6.00-7.00		Light, 45's Good
23 24 27 28 29 30 July	48	6.00-6.50	6.00-7.00	6.00-6.50	Fairly Light
l	41	6.00-6.50	6.00-7.00	6.00-6.50	Fairly Good
			LAST REPORT	••	

# DAILY WHOLESALE PRICES FOR ARIZONA CANTALOUPES AND GARLOT ARRIVALS (Generally Good Quality & Condition)

			• • •					
		BOSTON					CHICAGO	· • · · ·
DATE	ARRIVALS RL TR	SALES (36s)	SALES (45s)	DATE	ARMI RL	BCAV RT	SALES (36s)	SA <b>LES</b> (4 <b>5s)</b>
June	****	***		June				
~	.1 4					11		
Ę	9 14			<b>.</b> .	1	15 27		
8				7		27		
0	1 5 1 7	• • • • • • • • • • • • • • • • • • •		9	3	12		
9 10	1 5 1 7 2 2 3 3	17.00-18.00	17.00-18.00	10	1	19 9		
13 14	3 3			13				
14	1 4	.0		14	2	3 6 2 14		AP
15 1.6	3 2 6	18.00		15 16	. 3 4	6		
17	1 1	****		17	7	14		
20	<b></b> 1			20	7 26	15 11	16.00	
21				21		11	16.00	14.00 12.50-13.00
22	7 4	••••		22	18 11	10 8	15.00-15.50	12,50-15.00
23 24 27 28	7 6 5 2 4 14 3 6			23 24	11	5	13.00-14.00	11.00-12.00
27	2 4			27 28	11	5 7	12.00-13.00	13.00 .
28	14 3	13.00-14.00	10.00-11.00	28	.8	<u>4</u>	10.00-11.00 10.00	9.50-10.00 9.00-9.50
29 30	6 6	13.00-14.00	10.00-11.00	29 30	12 3	9	9.00-10.00	9.00
July	,	25,00-24,00	20.00 12,00		,	,	,,,,,,	,,,,,
1	9 2 9 1			1	. 1	5 4		
56 7	9 1 15 6			5	11	4		
7	17 0			7		9		
Ŝ	7 1			8	6	3	14.00	
					***			-
		LOS ANGELES			• , •		NEW YORK	
	ARRIVA <b>LS</b>	SALES	SALES		ARIN		SALES	SALES
DATE	ARRIVALS RL TR		SALES (45s)	DATE	ARIN RL	VALS TR		SALES (45s)
DATE June	RI, TR	SALES (36s)	(45s)	June		TR	SALES	SALES (45s)
June	RI. TR	SALES (36s)	(45s)	June	RL	TR	SALES	SALES (45s)
	RI. TR	SALES (36s) 15.00-16.00 12.00-14.00	(45s) 15.00-16.00 12.00-14.00	June 3 6	RL	TR 33 10	SALES	SALES (45s)
June 3 6 7	RL TR 6 15 13	SALES (36s)	(45s)	June 3 6 7	RL	TR 33 10	SALES	SALES (45s)
June 3 6 7	RL TR 6 15 13 7 16	SALES (36s) 15.00-16.00 12.00-14.00	(45s) 15.00-16.00 12.00-14.00	June 3 6 7	RL 1 1 2	TR 33 10	SALES (36s)	SALES (45s)
June 3 6 7 8 9	RL TR 6 15 13 7 16	SALES (36s) 15.00-16.00 12.00-14.00	(45s) 15.00-16.00 12.00-14.00	June 3 6 7 8 9	RL 1 1 2 4 2	TR 33 10	SALES (36s)	SALES (45s)
June 3 6 7 8 9 10	RI. TR 6 15 13 7 16 25 27	SALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00	(45s) 15.00-16.00 12,00-14.00 10.00-12:00  8.00-9.00	June 3 6 7 8 9 10 13	RL 1 1 2 4 2	TR 33 10	SALES (36s)	SALES (45s)
June 3 6 7 8 9 10	RL TR 6 15 13 7 16 25 27 14	SALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00	(45s) 15.00-16.00 12.00-14.00 10.00-12.00  8.00-9.00 8.00-9.00	June 3 6 7 8 9 10 13	RL 1 1 2 4 2	TR 33 10	SALES (368)	SALES (45s)
June 36 78 9 10 13 14 15 16	RL TR 6 15 13 7 16 25 27 27 14	SALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00	15.00-16.00 12.00-14.00 10.00-12.00  8.00-9.00 8.00-9.00 7.00-8.00	June 3 6 7 8 9 10 13 14 15	RL 1 1 2 4 2	TR	SALES (36s)	(45s)
June 36 7 8 9 10 13 14 156 17 20	RI. TR 6 15 13 7 16 25 27 14 16	SALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00	(45s) 15,00-16.00 12,00-14.00 10.00-12.00  8.00-9.00 8.00-9.00 7.00-8.00 8.00-10.00	June 3 6 7 8 9 10 13 14 15 16 17 20	RL 1 1 2 4 2	TR 33 10 12 66 92 188 8	SALES (36s)	(45s)
June 36 7 8 9 10 13 14 156 17 20	RI. TR 6 15 13 7 16 25 27 14 16	SALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00	(45s) 15,00-16.00 12,00-14.00 10.00-12.00  8.00-9.00 8.00-9.00 7.00-8.00 8.00-10.00	June 3 6 7 8 9 10 13 14 15 16 17 20	RL 1 1 2 4 2 4 3 -4 12	TR 33 10 12 66 92 188 8	SALES (36s)	(45s)
June 36 7 8 9 10 13 14 15 17 20 21 22	RI. TR 6 15 13 16 25 27 14 16 24 50 17	SALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00	(45s) 15,00-16.00 12,00-14.00 10.00-12.00  8.00-9.00 8.00-9.00 7.00-8.00 8.00-10.00	June 3 6 7 8 9 10 13 14 15 16 17 20	RL 1 1 2 4 2 4 3 -4 12	TR 33 10 12 66 92 188 8	SALES (36s)	(45s)
June 36 7 8 9 10 13 14 15 17 20 21 22 24	RL TR  6 15 13 16 25 27 14 16 24 50 51 17	\$ALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00  5.00-6.00	(45s)  15.00-16.00 12.00-14.00 10.00-12.00 8.00-9.00 8.00-9.00 7.00-9.00 7.00-9.00 7.00-9.00 5.00-6.00 5.00-6.00	June 3 6 7 8 9 10 13 14 15 16 17 20	RL 1 1 2 4 2 4 3 -4 12	TR 33 10 12 66 92 188 8	SALES (36s)	(45s)
June 36 7 8 9 10 13 14 156 17 20 21 22 24	RL TR  6 15 13 16 25 27 14 16 24 50 51 17	SALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00	(45s) 15,00-16.00 12,00-14.00 10.00-12.00  8.00-9.00 8.00-9.00 7.00-8.00 8.00-10.00	June 3 6 7 8 9 10 13 14 15 16 17 20	RL 1 1 2 4 2 4 3 -4 12	TR 33 10 12 66 92 188 8	\$ALES (36s) 22.00 	13.00 24.00 13.00 13.50 13.00 13.00
June 36 78 90 114 156 170 221 224 228	RL TR  6 15 13 16 25 27 14 16 24 50 51 17	\$ALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00  5.00-6.00	8.00-9.00 8.00-10.00 7.00-8.00 7.00-9.00 7.00-9.00 7.00-9.00 7.00-9.00 7.00-6.00	June 3 6 7 8 9 10 13 14 15 16 17 20	RL 1 1 2 4 2 4 3 -4 12	TR 33 10 12 66 92 188 8	17.00 17.00 16.00 15.00 16.00 14.00-16.00 14.00-16.00	13.00 13.00 10.00-11.00 9.00-10.00
June 36 78 90 114 156 170 221 224 228	RL TR  6 15 16 27 16 27 14 16 24 50 27 17 20 28 32	\$ALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00  5.00-6.00	(45s)  15.00-16.00 12.00-14.00 10.00-12.00 8.00-9.00 8.00-9.00 7.00-9.00 7.00-9.00 7.00-9.00 5.00-6.00 5.00-6.00	June 3 6 7 8 9 10 13 14 15 16 17 20 21 22 23 24 27 28	RL 1 1 2 4 2 4 3 -4 12	TR 33 10 12 66 92 188 8	17.00 18.00 17.00 16.00 15.00 16.00 14.00-16.00 13.00-15.00 12.00-14.00	13.00-11.00 9.00-10.00 10.00
June 36 7 8 9 10 13 14 15 17 20 21 22 24	RL TR  6 15 17 16 25 27 14 16 24 50 51 17 20 28 32 18 22	\$ALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00  5.00-6.00	8.00-9.00 7.00-8.00 7.00-6.00 5.00-6.00 6.00-8.00	June 3 6 7 8 9 10 13 15 16 17 20 21 22 23 24 27 28 29	RL 11242 43 42 8 9 2 3 3 7 0 1 3 3 7 0 1	TR 33 10 166 928 88 -72 103 116 127 17	17.00 17.00 16.00 15.00 16.00 14.00-16.00 14.00-16.00	13.00 13.00 10.00-11.00 9.00-10.00
June 36 78 90 134 156 17 221 223 24 228 30 July	RL TR  6 15 17 16 25 27 14 16 24 50 51 17 20 28 32 18 22	\$ALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00  5.00-6.00	8.00-9.00 8.00-10.00 7.00-8.00 7.00-9.00 7.00-9.00 7.00-9.00 7.00-9.00 7.00-6.00	June 3 6 7 8 9 10 13 15 16 17 20 21 22 23 24 27 28 29	RL 11242 43 42 8 9 2 3 3 7 0 1 3 3 7 0 1	TR 33 102 66 92888 -72 103 162 17	17.00 18.00 17.00 16.00 15.00 16.00 14.00-16.00 13.00-15.00 12.00-14.00	13.00-11.00 9.00-10.00 10.00
June 36 78 90 134 156 17 221 223 24 228 30 July	RL TR  6 15 17 16 25 27 14 16 24 50 51 17 20 28 32 18 22	\$ALES (36s) 15.00-16.00 12.00-14.00 10.00-12.00  9.00-10.00 9.00-10.00 7.00-8.00 8.00-10.00  5.00-6.00	8.00-9.00 7.00-8.00 7.00-6.00 5.00-6.00 6.00-8.00	June 3 6 7 8 9 10 13 15 16 17 20 21 22 23 24 27 28 29	RL 11242 43 42 8923701 12	TR 33 102 66 92888 -72 103 162 17	\$ALES (36s) 	13.00-11.00 9.00-10.00 10.00
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# YUMA MAXIMUM & MINIMUM TEMPERATURES & PRECIPITATION (Recorded at Yuma International Assport) March 1977 - July 1977

### MONTHLY SUNNARY OF YUMA DISTRICT AGRICULTURAL WESTHER CONDITIONS

MARCH - March was sunnier, windier, and cooler than normal, equalling March 1973 as the coolest March since the station was moved to the airport in 1948. There were 9 cold nights with general protection required 3 nights in one or more subdistricts. The lowest temperatures were 24 at Dome Valley, 26 at Yuma Mesa North and 27 at South Gila And Yuma Valley. Rainfall occurred one day totalling .04 inches, .17 inches below normal.

APRIL - The first four days were very cool with low temperatures in the mid 30s in agriculture areas. The remainder of the month average slightly above normal but very dry with the trace of rain leaving a deficiency of .llinches from normal.

MAY - The average maximum temperatures was the lowest for any May in the 100 years of record & even lower than the previous month. The mean temperature, only one degree above the previous record delayed many field crops.

JUNE - June reversed a trend toward cooler than normal temperatures, but was om the whole, a nearly normal month with no meteorological events of significance.

JULY - (thru the 19) Temperatures average less than one degree above normal for the first 19 days of July. Varying monsoon moisture resulted in large swings in minimum temperatures. Poston had a low of 85 on the 1st, and 63 6 days later on the 7th. The airport meanwhile had record high minimum of 88 on the 17th & 18th breaking previous records by one degree.